

Title (en)

ASSEMBLY OF BLADE AND ROTOR, AND POWER GENERATION DEVICE

Title (de)

ANORDNUNG AUS SCHAUFEL UND ROTOR SOWIE STROMERZEUGUNGSVORRICHTUNG

Title (fr)

ENSEMBLE DE PALE ET ROTOR, ET DISPOSITIF DE PRODUCTION D'ÉNERGIE

Publication

**EP 3364019 B1 20211006 (EN)**

Application

**EP 16855158 A 20160803**

Priority

- JP 2015203064 A 20151014
- JP 2016072744 W 20160803

Abstract (en)

[origin: EP3364019A1] A blade and rotor assembly (20) includes: a rotor (30) that is connected to a power generator (12) and transmits a rotational force to the power generator; a blade (40) that is supported by the rotor and rotates the rotor by a force received from a fluid; a bearing (25) that rotatably connects the rotor and the blade; and a rotary driving apparatus (50) that rotatably drives the blade to control a pitch angle. The rotary driving apparatus has a motor (52) and a reducer (53) that decelerates rotation outputted from the motor and outputs it from an output part (50b). The reducer is spline-coupled to at least one of the rotor and the blade.

IPC 8 full level

**F03D 1/06** (2006.01); **F03D 7/02** (2006.01); **F03D 15/00** (2016.01)

CPC (source: EP)

**F03D 1/06** (2013.01); **F03D 1/0658** (2013.01); **F03D 7/02** (2013.01); **F03D 7/0224** (2013.01); **F03D 15/00** (2016.05); **F05B 2250/311** (2013.01); **F05B 2260/503** (2013.01); **F05B 2260/79** (2013.01); **Y02E 10/72** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3364019 A1 20180822**; **EP 3364019 A4 20190612**; **EP 3364019 B1 20211006**; JP 2017075561 A 20170420; JP 6682234 B2 20200415; WO 2017064904 A1 20170420

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**EP 16855158 A 20160803**; JP 2015203064 A 20151014; JP 2016072744 W 20160803